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GenCore version 5.1.4_p5_4578

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OM protein - protein search, using sw model

Run on:

May 19, 2003, 16:43:42; Search time 19.1281 Seconds

(without alignments)
553.754 Million cell updates/sec

Sequence:

1 MLSTSRSRFIRNTNESGEEV......DGVTSTNTPSTGEQEVSAGL 360

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues
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Total number of hits satisfying chosen parameters: 262574
Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Maximum DB seq length: 2000000000 oost-processing: Minimum Match 0%

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued\_Patents\_AA:\*

| (gn2\_6/ptodata/1/jaa/5A\_COMB.pep:\*
| (gn2\_6/ptodata/1/jaa/5B\_COMB.pep:\*
| (gn2\_6/ptodata/1/jaa/6B\_COMB.pep:\*
| (gn2\_6/ptodata/1/jaa/6B\_COMB.pep:\*
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| (gn2\_6/ptodata/1/jaa/PCTUS\_COMB.pep:\*
| (gn2\_6/ptodata/1/jaa/PCTUS\_COMB.pep:\*
| (gn2\_6/ptodata/1/jaa/packfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

		Description	Seguence 4, Appli	Q.	_	Sequence 50, Appl	Sequence 4, Appli	Sequence 7, Appli	51	51	Seguence 3, Appli	7	Sequence 2, Appli	7	6	7	4	52,	52,		14,	Sequence 2, Appli	Sequence 5, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 5, Appli	Sequence 5, Appli	Sequence 1, Appli	Sequence 5, Appli
		ID	-08-450-393A-4	US-08-446-669-4	-583	US-09-534-185-50	PCT-US95-00476-4	US-08-833-752-7	US-09-045-583-51	US-09-534-185-51	US-08-461-244-3	US-08-450-393A-2	US-08-446-669-2	PCT-US95-00476-2	US-08-466-343D-9	-724	US-09-517-605-5	US-09-045-583-52	-534-185-	US-09-087-232A-13	-861-	-575-9	-7	US-08-466-343D-2	-012-988A-	-450-393A	US-08-446-669-5	US-09-239-938-1	PCT-US95-00476-5
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		Score	1900	1900	1900	1900	1900	1873	1849	1849	1838	1651.5	1651.5	1651.5	L )	1386	1371	1370	1370	1364	1364	1364	1364	1355	1036	1036	1036	1036	1036
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•	Sequence 9, Appli	Sequence 53, Appl	Sequence 53, Appl	Sequence 4, Appli	Æ,	Sequence 54, Appl	Seguence 54, Appl	Sequence 8, Appli	Sequence 20, Appl	'n	Següence 55, Appl	Sequence 55, Appl	Sequence 10, Appl	Sequence 2, Appli	Sequence 56, Appl	Sequence 56, Appl	Sequence 28, Appl	Sequence 32, Appl
	US-08-833-752-9	US-09-045-583-53	US-09-534-185-53	US-08-575-967A-4	US-08-847-296B-1	US-09-045-583-54	US-09-534-185-54	US-08-833-752-8	US-08-875-573-20	US-09-232-878-2	US-09-045-583-55	US-09-534-185-55	US-08-833-752-10	US-08-461-244-2	US-09-045-583-56	US-09-534-185-56	US-08-153-848-28	US-08-153-848-32
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	355	355	355	355	355	355	355	355	360	360	360	360	360	355	355	355	355	355
	53.1	51.6	51.6	49.8	49.8	49.8	49.8	48.3	45.4	45.4	45.4	45.4	43.5	39.5	39.5	39.5	37.3	37.3
	1008	981	981	947	947	947	947	917	862.5	862.5	862.5	862.5	826.5	751	751	751	708	708
	28	29	30	31	32	33	34	35	36	37	38	36	40	41	42	43	44	45

## ALIGNMENTS

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GENERAL INFORMATION: --
APPLICANT: Charo, Israel
APPLICANT: Coughlin, Shaun
TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
TITLE OF INVENTION: PROTEIN RECEPTORS
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                           ADDRESSEE: Cooley Godward Castro Huddleson & Tatum STREET: 5 Palo Alto Square CITY: Palo Alto STATE: California
                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,393A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: CSerr, Luann
REGISTRATION NUMBER: 31,822
REFERENCE/DOCKET NUMBER: UCAL-237/02US
                                                                                                                                                                                                                                                                                                                                                                                                                             ., ve. ....erR: US/08/450,393A May 25, 1995
US-08-450-393A-4; Sequence 4, Application US/08450393A; Patent-No. 5707815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 415-843-5165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             360 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-8857-0663
TELEX: 380816CooleyPA
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: protein US-08-450-393A-4
                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                         CORRESPONDENCE ADDRESS
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Query Match
100.0%; Score 1900; DB 1; Length 360;
Best Local Similarity 100.0%; Pred. No. 3.1e-151;
Matches 360; Conservative 0; Mismatches 0; Indels 0; Gaps

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121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
                                                                                             181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
                                                                                                                                                                        181 CQKEDSVYVCGPYFPRGWNNFHIIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08446669
/PATERI No. 6132987
CENERAL INFORMATION:
APPLICANT: Charo, Israel
APPLICANT: Coughlin, Shaun
TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
TITLE OF INVENTION: PROTEIN RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/446,669 FILING DATE: May 25, 1995 FLASIFICATION: 435 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Neeley, Richard REGISTRATION NUMBER: 30,092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: UC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
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TELEX: 380816COLEYPA
INFORMATION FOR SEQ ID NO: 4:
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amino acid
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Best Local Similarity 100.
Matches 360; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; MOLECULE TYPE: protein US-08-446-669-4
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CORRESPONDENCE ADDRESS:
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California
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121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
                                                  181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
                                                                                                                      AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
                                                                                                                                                                                         Sequence 50, Application US/09045583
; Patchi No. 6287805
; GENERAL THFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
CORRESPONDENCE ADDRESS:
61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
                                                                                                                                                                                                                                              301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: LAHIVE & COCKFIELD, LLP 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERMITE: Patentin ...
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/045,583
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Mandragouras, Amy E. REGISTRATION NUMBER: 36,207 REFERENCE/DOCKET NUMBER: MN1 TELECOMMUNICATION INFORMATION: (617)227.7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 50:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-09-045-583-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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Best Local Simi
Matches 360;
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61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
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                                                                                                                                                                          NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
                                                                                                                                                                                                                                                                                                                                                   HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
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61 MLVVLILINCKKLKCLTDIYLLNIAISDLLFLITLPEWAHSAANEWVFGNAMCKLFTGLY
                                                                                                                                                                                                                                        241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI
                                                                                                                                                                                                                                                            241 AVRVIFTIMIVYFLEWTPYNIVILLINIFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI
                                                                                                                                                 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: The Regents of the University of California TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT TITLE OF INVENTION: PROTEIN RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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STREET: 201 N. Figueroa Street, 5th Floor
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application PC/TUS9500476 GENERAL INFORMATION:
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NAME: Berliner, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         360 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 360; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 310-977-1003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US95-00476-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Graham, Gerard J. et al. TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled Heptahelical Receptor Superfamily and Uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6.1 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
                                                                                                                                    181 COKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
                                                                                                                                                                                                                                                                                                          COKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
                                                                                                                                                                                               241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
                                                                                                                                                                                                                      241 AVRVIFTIMIVYFLEWIPYNIVILLINIFOEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
                                                                                                                                                                                                                                                                                     NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
                         HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/534,185
FILING DATE: 24 Mar-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICATION NUMBER: 09/045,583
FILING DATE: <Unknown>
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 50, Application US/09534185 Patent No. 6403767 GENERAL INFORMATION:
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Matches 360; Conservative
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US-09-534-185-50
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240
                                                                   181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
                                                                                                                   241 AVRVIFTIMIVYFLEWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
                                                                                                                                                                                   301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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Pred. No. 5.6e-149;
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620 Newport Center Drive 16th Floor
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Stent No. 6448375
FENERAL INFORMATON:
APPLICANT: SAMSON, MICHEL
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ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 34
REFERENCE/DOCKET NUMBER:
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Best Local Similarity
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Sequence 51, Application US/09045583
Fatent No. 6287805
GENERAL INFORMATION:
APPLICANT: Graham, Gerard J. et al.
TITLE OF INVENTION: No. 628780561 Molecules of the G Protein-Coupled NUMBER OF SEQUENCES: 56
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 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR
                                                                                  241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI
                                                                                                                                   301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL
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Pred. No. 5.6e-147;
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                                                                                                                                                                                                                                                                                                                                                                       & COCKFIELD, LLP
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APPLICATION NUMBER: US/09/045,583
FILING DATE: 20-MAR-98
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Conservative 5.28, Pred. N
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REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: LAHIVE & COCKSTREET: 28 State Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           360 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                       Massachusetts
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                       Boston
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FRAGMENT TYPE:
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                                                                                                                                                                                                                                    US-09-045-583-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
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Best Local 9
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TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled
Heptahelical Receptor Superfamily and Uses
181 CQEEDSVYICGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKRRHR 240
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                                                                                                                                                                                                                                                                                                                                             MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
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                                                                                                                               AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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STREET: 28 State Street
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RAPLICATION NUMBER: US/09/534,185
FILING DATE: 24-Mar-2000
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Mandragouras, Amy E. REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MNI-044
TELECOMMUNICATION INFORMATION:
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FILING DATE: <URKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-534-185-51
Sequence-51, Application US/09534185
Patent No. 640376
GENERAL-INFORMATION:
APPLICANT: Graham, Gerard J. e
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INHORMATION FOR SEQ EP NO. 51:
SEQUENCE CHARACTERISPECS:
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Best Local Similarity/
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CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR
                     301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL
                                                                                                                                                                 241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI
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APPLICANT: Ruben, Steven M.
APPLICANT: Rosen, Craig A.
TITLE OF INVENTION: HUMAN G-PROTEIN RECEPTOR HGBER32
WIMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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4.5e-146;
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APPLICATION NUMBER: US/08/461,244
FILING DATE: 05-JUN-1995
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100.0%; Pred. No. 4
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                         Sequence 3, Application-US/08461244
Patent No. 5776729
GENERALINEORMATION:
APPLICANT: SOPPEt, Daniel R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Ferraro, Gregory D. REGISTRATION NUMBER: 36,134 REFERENCE/DOCKET NUMBER: 32
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TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
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ATTORNEY/AGENT INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                           US-08-461-244-3
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COUNTRY:
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                 254 LEWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR 313
                                                                              181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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                                                                                                                        314 RYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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                                                                                                                                        Sequence 2, Application US/08450393A
Patent No. 5707815
GENERAL INFORMATION:
APPLICANT: Charo, Israel
APPLICANT: Coughlin, Shaun
ITILE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
TITLE OF INVENTION: PROTEIN RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
STREET: 5 Palo Alto Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin NoTA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/450,393A
FILING DATE: WAY 25, 1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: CSerr, Luan
NAME: CSerr, Luan
NAME: CSERT, LUAN
NAME: US/08/450,393A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 1651.5; DB 1
Pred. No. 1.8e-130;
3; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: UCAL-237/02US TELECOMMUNICATION INFORMATION: TELEPHONE: 415-843-5165
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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95.5%;
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TELEX: 380816CooleyPA
INFORMATION FOR SEQ ID NO:
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Best Local Similarity 95.5
Matches 319; Conservative
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; MOLECULE TYPE: protein
US-08-450-393A-2
                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                  STREET: 5 Palo Alt
CITY: Palo Alto
STATE: California
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US-08-450-393A-2
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61 MLVVLILLINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
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                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Charc, Israel
APPLICANT: Coughlin, Shaun
TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
TITLE OF INVENTION: PROTEIN RECEPTORS
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Cooley Godward Castro Huddleson & Tatum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDTUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: DATORITY PC-DOS/MS-DOS
SOFTWARE: PATORITY Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,669
FILING DATE: May 25, 1995
CLASSIFICATION: 435
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                                                                                                                                                                         301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327
                                                                                                                                                   301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPV 334
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Patent No. 6132987
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: UC.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
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TELEX: 380816CooleyPA
INFORMATION FOR SEQ ID NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
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STATE: California
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Matches 319; Conserv
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US-08-446-669-2
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318 VFFRKHITKRFCKQCPV 334
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                                                                                                   US-08-466-343D-9
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COUNTRY:
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241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
                  121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARIVTFGVVTSVITWLVAVFASVPGIIFTK 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                     Sequence 2, Application PC/TUS9500476
GENERAL INFORMATION:
APPLICANT: The Regents of the University of California TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATRACTANT TITLE OF INVENTION: PROTEIN RECEPTORS
NUMBER OF SEQUENCES: 14
CORRESPONDENCES: ADDRESS:
ADDRESSEE: Robbins, Berliner & Carson STREET: 201 N. Figueroa Street, 5th Floor CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/00476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 5;
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Pred. No. 1.8e-130;
3; Mismatches 5;
                                                                               301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327
                                                               301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPV 334
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20,121
5555-291
                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEPHONE: 310-977-1001
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95.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Berliner, Robert
REGISTRATION NUMBER: 20,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 374 amino acids TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 90012-2628
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                         RESULT 12
PCT-US95-00476-2
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78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      7; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRYLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 344;
                                                                                                                                                                                            POLYNUCLEOTIDES ENCODING HUMAN G-PROTEIN CHEMOKINE RECEPTOR HDGNR10 (AS AMENDED)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 1568.5; DB 3; Leuge...
Pred. No. 1.4e-123;
                                                                                                                                                                                                                                                               E: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 NEW YORK AVE., NW, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/466,343D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1488.1150000/EKS/KLM
              301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327
301 NPIIYAFVGEKFRYLSVFFRKHITKRFCKQCPV 334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERC K.
REGISTRATION NUMBER: 36,688
REFERENCE/POCKET NUMBER: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               82.6%;
95.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-240
INFORMATION FOR SEO ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         06-JUN-1995
N: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         344 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 95.3
Matches 302; Conservative
                                                                                                                                                                                                                                                                                                                                                  ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                          APPLICANT: LI, YI TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
                                                                                                                                                                                                                                                                                                    WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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352
                         US-09-517-605-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             185 PHTQYHFWKSFQTLKMVILSLILPLLVMIICYSGILHTLFRCRNEKKRHRAVRLIFAIMI 244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            75 CLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILL 134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 GEEVTTFFDYDYG--APCHKFDVKQIGAQLLPPLYSLVF1FGFVGNMLVVLILINCKKLK 74
                                                                                                                            APPLICANT: Derk Bergsma, Mary Brawner, and Usman Shabon
TITLE OF INVENTION: No. 6388055el Mouse Genomic Clone of the CC-
TITLE OF INVENTION: CKR5 Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               305 KFRSYLSVFFRKHIVKRFCKRCSIFQQDNPDRVSSVYTRSTGEHEVSTGL 354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          72.9%; Score 1386; DB 4; Length 3 74.0%; Pred. No. 2.4e-108; Live 33; Mismatches 52; Indels
                                                                                                                                                                                                                                                          STATE: FA
COUNTRY: USA
ZIP: 19406-10339
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
~.vortyER: IBM 486
~.vortyER: IBM 486
                                                                                                                                                                          NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: MICROSOFT WORD CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,984A FILING DATE: OCTOBER 3, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFENCE/DOCKET NUMBER: ATG50023
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5024
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                           Sequence 2, Application US/08724984A Patent No. 6388055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
298 LF---HIALG-CRIAPL 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 72.99
Best Local Similarity 74.09
Matches 259; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Amino Acid
                                                                                                            GENERAL INFORMATION:
APPLICANT: Derk Be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-724-984A-2
                                                               US-08-724-984A-2
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Sequence 5, Application US/09517605
Patent No. 6391567
GENERAL INFORMATION:
APPLICANT: Littman, Dan R.
APPLICANT: Kwon, Douglas S.
APPLICANT: Wan Kooyk, Yvette
APPLICANT: Wan Kooyk, Yvette
APPLICANT: Went Cells
TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INTO
TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INTO
CURRENT APPLICATION NUMBER: US/09/517,605
CURRENT FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     253 IVLLLNTFQEFFGLNNCSSNRLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLLVFF 312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           145 AVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFP----RGWNN 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    201 FHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWTPYN 260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    261 IVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLSVFF 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              85 AISDLLFLITLPEWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLAIVH 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 72.2%; Score 1371; DB 4; Best Local Similarity 76.2%; Pred. No. 4.2e-107; Matches 259; Conservative 30; Mismatches 47;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Search completed: May 19, 2003, 16:50:02 Job time: 20.1281 secs
                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens
US-09-517-605-5
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